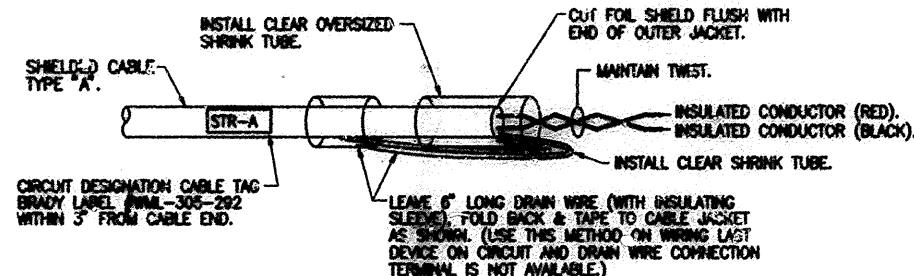
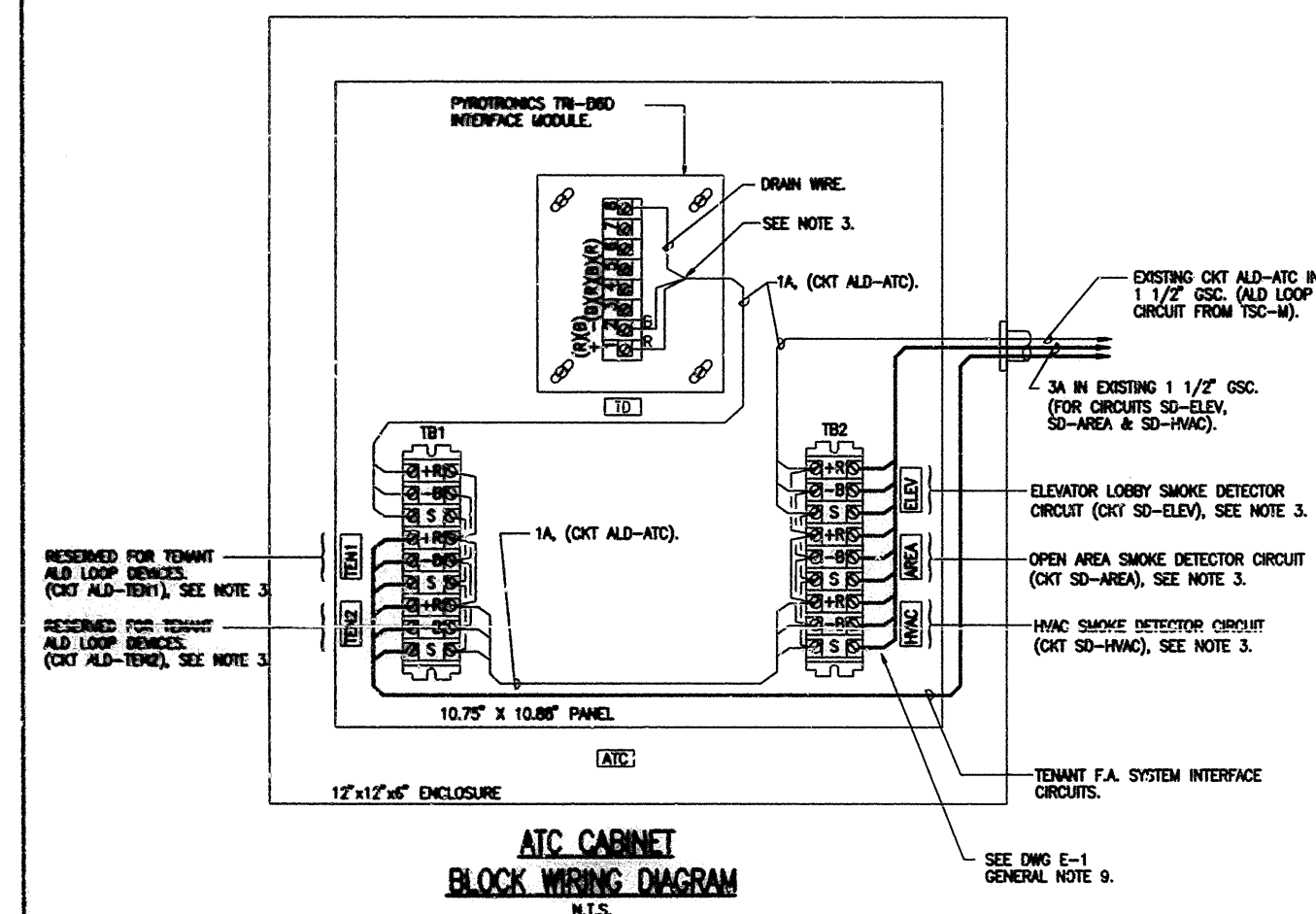


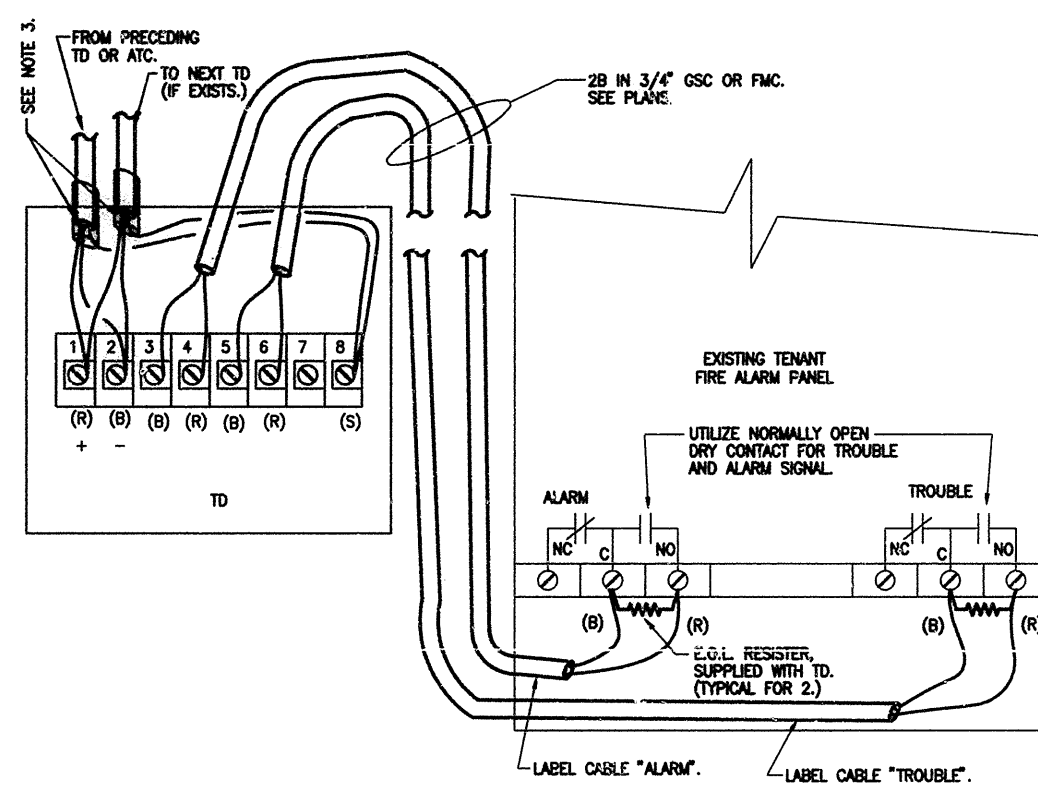
TYPICAL SHIELD/DRAIN INSULATING METHOD "A"
N.T.S.



TYPICAL SHIELD/DRAIN INSULATING METHOD "B"
N.T.S.



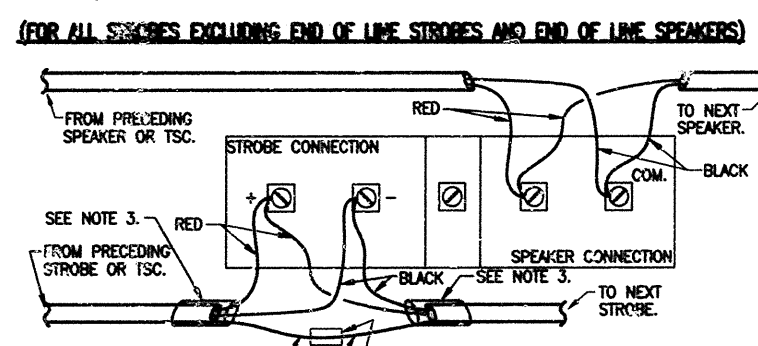
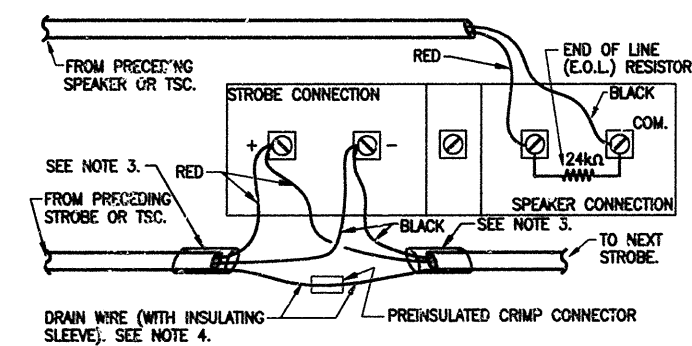
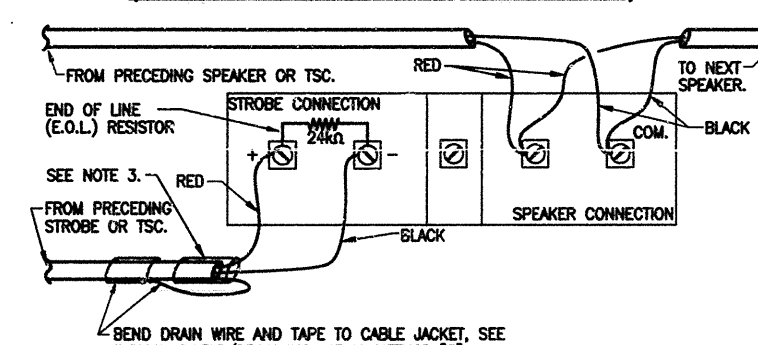
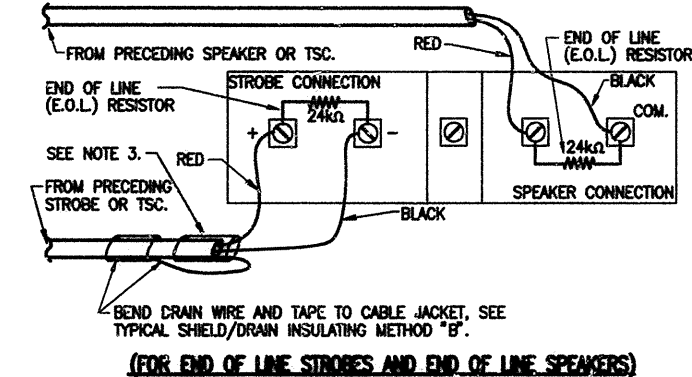
ATC CABINET
BLOCK WIRING DIAGRAM
N.T.S.



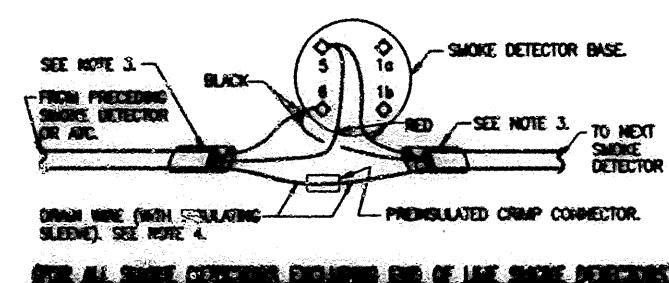
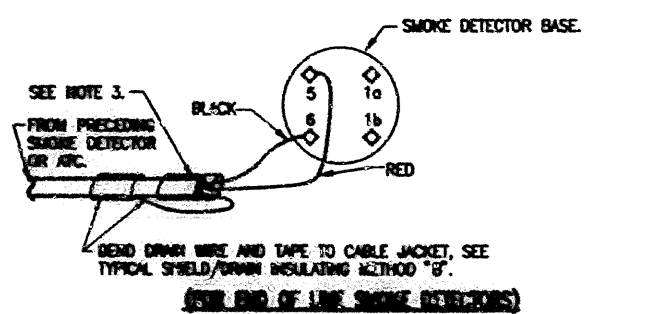
TYPICAL TD WIRING DIAGRAM OF TENANT F.A. SYSTEM INTERFACE
N.T.S.

NOTES:

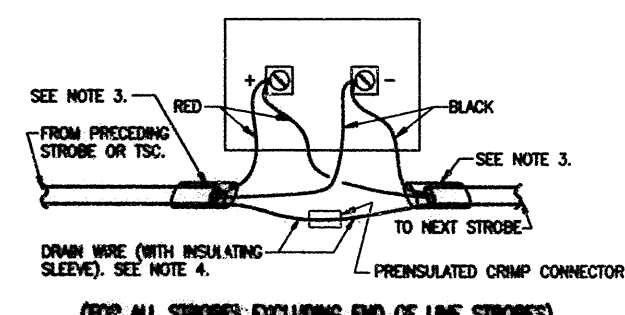
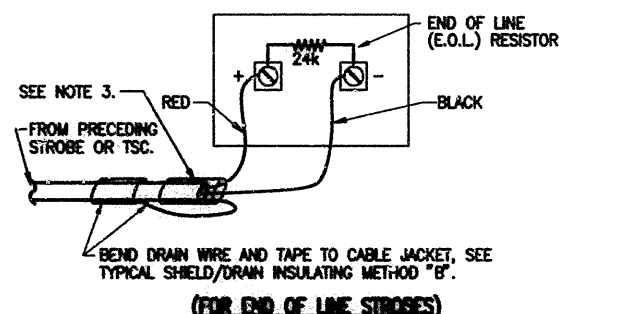
1. FOR LEGEND/SPECIFICATION, CIRCUIT LEGEND, TERMINATION LEGEND, ABBREVIATIONS AND GENERAL NOTES, SEE DRAWING E-1.
2. WIRING DIAGRAMS SHOWN ARE SCHEMATIC REPRESENTATIONS FOR CONNECTIONS ONLY. FOR DEVICE INSTALLATION, REFER TO INSTALLATION DETAILS ON DRAWING E-2.
3. INSULATE SHIELD & DRAIN WIRE AS SHOWN ON TYPICAL SHIELD/DRAIN INSULATING METHOD.
4. SHIELD MUST BE CONTINUOUS AND INSULATED FROM BOXES, CONDUITS, ETC.



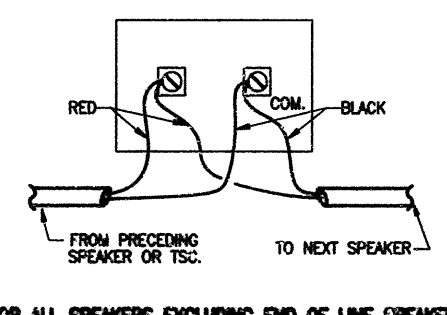
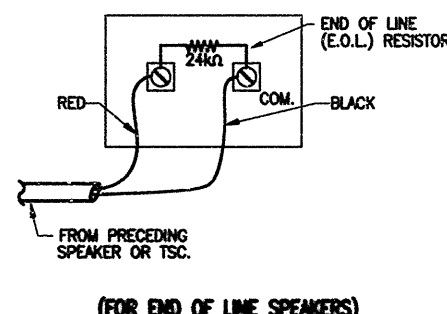
TYPICAL STROBE/SPEAKER COMBINATION UNIT WIRING DIAGRAM
N.T.S.



TYPICAL SMOKE DETECTOR WIRING DIAGRAM
N.T.S.



TYPICAL STROBE WIRING DIAGRAM
N.T.S.



TYPICAL SPEAKER WIRING DIAGRAM
N.T.S.

ENGINEERING DEPARTMENT
DESIGN DIVISION
WORLD TRADE CENTER
ELECTRICAL
Title
FIRE ALARM SYSTEM
DEVICE UPGRADE
PHASE III
1 WORLD TRADE CENTER
CONTRACT NO. 3
S.FELDSSTEIN R.DUKESHIRE A.S.
Designed by Drawn by Checked by
Date
AUGUST 9, 1999
WTC-861.176 E-3
Contract Number Drawing Number

1 8/23/99 AS-BID
No. Date Revision Approved

ENGINEERING DEPARTMENT
DESIGN DIVISION

WORLD
TRADE
CENTER

ELECTRICAL
Title
FIRE ALARM SYSTEM
DEVICE UPGRADE
PHASE III
1 WORLD TRADE CENTER
CONTRACT NO. 3

FIRE ALARM DEVICE
WIRING DIAGRAMS
AND SHIELD/DRAIN
INSULATION DETAIL

This drawing subject to conditions in Contract. All inventions, ideas, designs and methods herein are reserved to Port Authority and may not be used without its written consent.

S.FELDSSTEIN R.DUKESHIRE A.S.
Designed by Drawn by Checked by

Date

WTC-861.176 E-3
Contract Number Drawing Number